FIG. 1

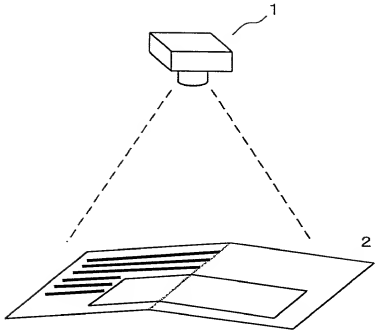


FIG. 2

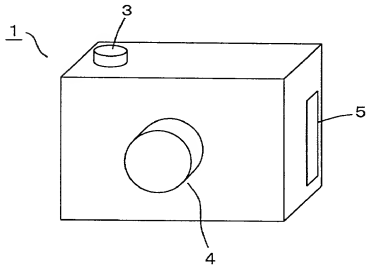


FIG. 3

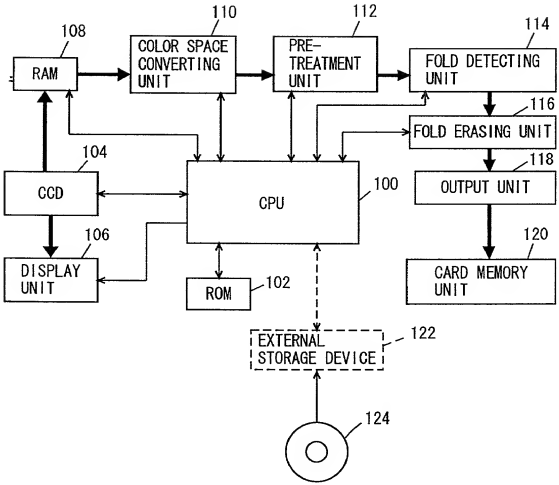

108
RAM
110
COLOR SPACE CONVERTING UNIT
112
PRE-TREATMENT UNIT
114
FOLD DETECTING UNIT
116
FOLD ERASING UNIT
118
OUTPUT UNIT
120
CARD MEMORY UNIT
104
CCD
106
DISPLAY UNIT
CPU
100
ROM
102
EXTERNAL STORAGE DEVICE
122
124

FIG. 4

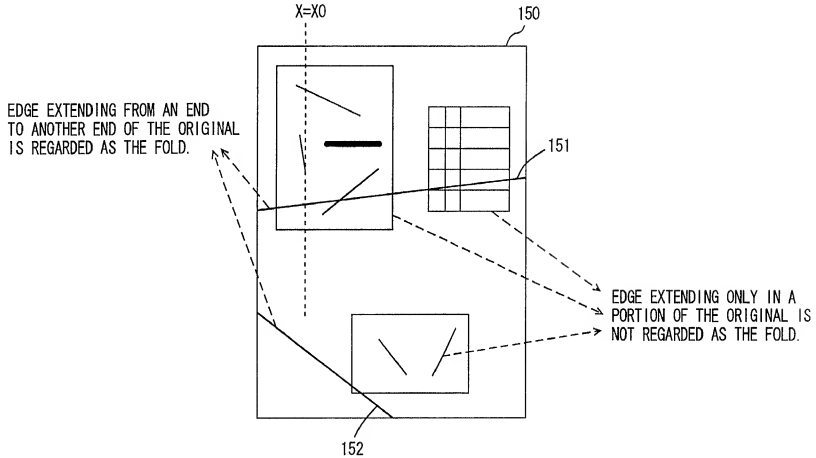

X=X0
150
EDGE EXTENDING FROM AN END TO ANOTHER END OF THE ORIGINAL IS REGARDED AS THE FOLD.
151
EDGE EXTENDING ONLY IN A PORTION OF THE ORIGINAL IS NOT REGARDED AS THE FOLD.
152

FIG. 5

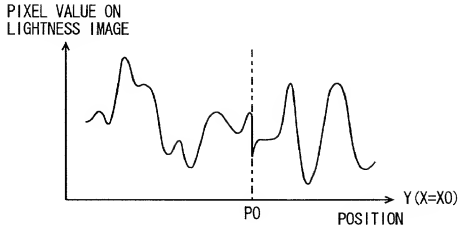

PIXEL VALUE ON
LIGHTNESS IMAGE
Y (X=X0)
P0
POSITION

FIG. 7

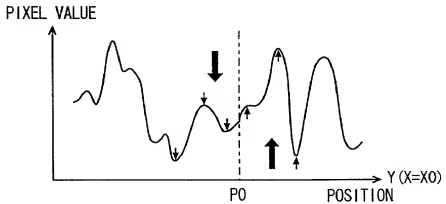

PIXEL VALUE
Y (X=X0)
P0
POSITION

FIG. 6

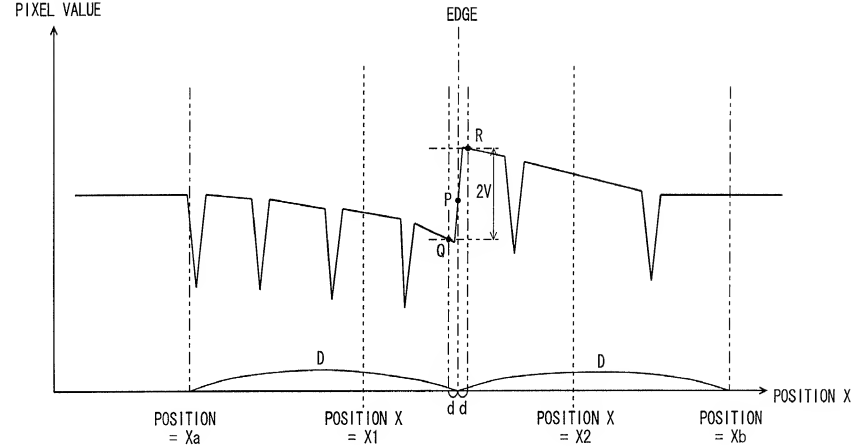

PIXEL VALUE
EDGE
R
P
2V
Q
D
D
POSITION X
d d
POSITION
= Xa
POSITION X
= X1
POSITION X
= X2
POSITION
= Xb

FIG. 8

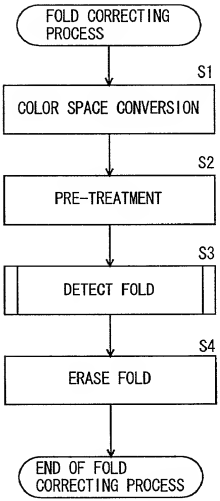

FOLD CORRECTING PROCESS
S1
COLOR SPACE CONVERSION
S2
PRE-TREATMENT
S3
DETECT FOLD
S4
ERASE FOLD
END OF FOLD CORRECTING PROCESS

FIG. 9

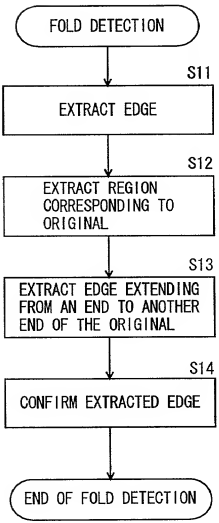

FOLD DETECTION
S11
EXTRACT EDGE
S12
EXTRACT REGION CORRESPONDING TO ORIGINAL
S13
EXTRACT EDGE EXTENDING FROM AN END TO ANOTHER END OF THE ORIGINAL
S14
CONFIRM EXTRACTED EDGE
END OF FOLD DETECTION

FIG. 10

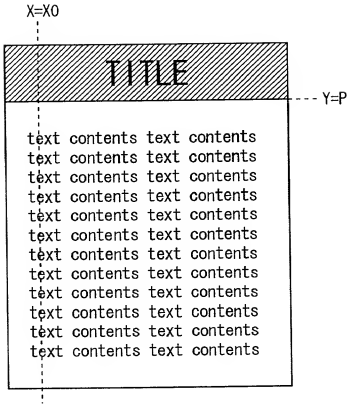

X=X0
TITLE
Y=P
text contents text contents
text contents text contents
text contents text contents
text contents text contents
text contents text contents
text contents text contents
text contents text contents
text contents text contents
text contents text contents
text contents text contents
text contents text contents
text contents text contents

FIG. 11

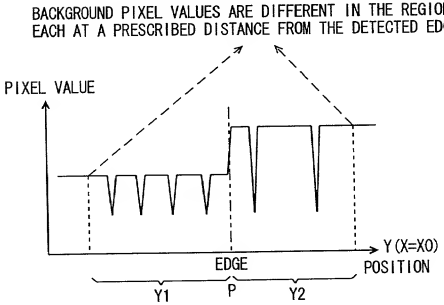

BACKGROUND PIXEL VALUES ARE DIFFERENT IN THE REGIONS EACH AT A PRESCRIBED DISTANCE FROM THE DETECTED EDGE.
PIXEL VALUE
Y (X=X0)
POSITION
EDGE
Y1
P
Y2

FIG. 12

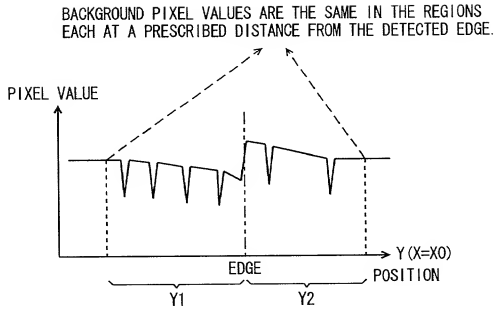

BACKGROUND PIXEL VALUES ARE THE SAME IN THE REGIONS EACH AT A PRESCRIBED DISTANCE FROM THE DETECTED EDGE.
PIXEL VALUE
Y (X=XO)
EDGE
POSITION
Y1
Y2

FIG. 13

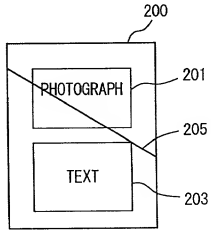

200
PHOTOGRAPH
201
205
TEXT
203

FIG. 14

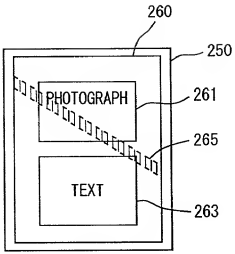
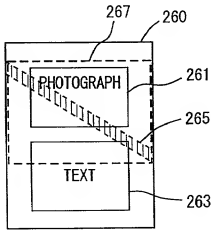

260
250
PHOTOGRAPH
261
265
TEXT
263

FIG. 15


267
260
PHOTOGRAPH
261
265
TEXT
263